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Electronic Patent Application Submission  
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EFS ID: 23787

Application ID: 09840936

Title of Invention:

IN SITU THERMAL PROCESSING OF  
A HYDROCARBON CONTAINING  
FORMATION TO PRODUCE A  
MIXTURE WITH OXYGENATED  
HYDROCARBONS

First Named Inventor:

Etuan Zhang

Domestic/Foreign Application:

Domestic Application

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Effective Receipt Date:

2003-02-27

Submission Type:

Information Disclosure Statement

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5994

Attorney Docket Number:

5659-03400

Digital Certificate Holder:

cn=Eric B. Meyertons, ou=Registered Attorneys, ou=Patent and  
Trademark Office, ou=Department of Commerce, o=U.S.  
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# TRANSMITTAL FORM

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Disclosure Statement

Application Number: 09/840,936  
Attorney Docket Number: 5659-03400

## IN SITU THERMAL PROCESSING OF A HYDROCARBON CONTAINING FORMATION TO PRODUCE A MIXTURE WITH OXYGENATED HYDROCARBONS

First Named Inventor: Etuan Zhang

### SUBMITTED BY

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# Electronic Information Disclosure Statement

## IN SITU THERMAL PROCESSING OF A HYDROCARBON CONTAINING FORMATION TO PRODUCE A MIXTURE WITH OXYGENATED HYDROCARBONS

Application:   
09/840936

Confirmation: 5994

Applicant(s): Etuan Zhang

Docket Number: 5659-03400

Group Art Unit:

Examiner: Unknown



search string: (4087130 or 4537252 or re30019 or 2623596 or 3775185 or 4524113 or 5284878 or 5767584 or 5955039 or 4091869 or 4513816 or 0094813 or 5008085 or 4099567 or 0048994 or 6485232 or 20020018697 ).pn.















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10/27/2003 180.00 CH

### US Patent Documents


**Note: Applicant is not required to submit a paper copy of cited US Patent Documents**

init	Citation No.	Patent Number	Date	Bar Code	Patentee	Class	Subclass
	P23	4087130	1978-05-02		Garrett		
	P24	4537252	1985-08-27		Puri		

	P25	re30019	1979-06-05		Lindquist
	P26	2623596	1952-12-30		Whorton et al.
	P27	3775185	1973-11-27		Kunz et al.
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	P29	5284878	1994-02-05		Studer et al.
	P30	5767584	1998-06-16		Gore et. al
	P31	5955039	1999-09-21		Dowdy
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	P33	4513816	1985-04-30		Hubert
	P34	0094813	1869-09-14		Dickey
	P35	5008085	1991-04-16		Bain et al.
	P36	4099567	1978-07-11		Terry
	P37	0048994	1865-07-25		Parry
	P38	6485232	2002-11-26		Vinegar et al.

## Published Applications

**Note: Applicant is not required to submit a paper copy of cited US Patent Documents**

init	Citation No.	Patent Number	Date	Bar Code	Patentee	Class	Subclass
	U01	20020018697	2002-02-14		Vinegar et al.		

## Remarks

**(Remarks are not for responding to an office action.)**

Please note: Foreign patent documents and non-patent references will be sent using a standard US PTO 1449 Form.

## Signature

Examiner Name	Date